

PROFORMA FOR PREPARATION OF ANNUAL REPORT (April-2017-March-2018)
APR SUMMARY

(Note: While preparing summary, please don't add or delete any row or columns)

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	30	733	154	887
Rural youths	-	-	-	-
Extension functionaries	-	-	-	-
Sponsored Training	-	-	-	-
Vocational Training	-	-	-	-
Total	30	733	154	887

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	-	-	-
Pulses	-	-	-
1.Greengram	34	13.6	-
2. Chickpea	24	09.6	-
Total	58	23.2	-
Cereals	-	-	-
Vegetables	-	-	-
Other crops (Cluster bean)	40.0	10.0	-
Hybrid crops	-	-	-
Total	40.0	10.0	-
Livestock & Fisheries	-	-	-
Other enterprises	-	-	-
Total	-	-	-
Grand Total	98	33.20	-

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	Nil	Nil	Nil
Livestock	Nil	Nil	Nil
Various enterprises	Nil	Nil	Nil
Total	Nil	Nil	Nil
Technology Refined	Nil	Nil	Nil
Crops	Nil	Nil	Nil
Livestock	Nil	Nil	Nil
Various enterprises	Nil	Nil	Nil
Total	Nil	Nil	Nil
Grand Total	Nil	Nil	Nil

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	48	1734
Other extension activities	Nil	Nil
Total	48	1734

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						Total
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	
	Text only	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Voice only	252	75	40	-	-	-	367
	Voice & Text both	252	75	40	-	-	-	367
	Total Messages	-	-	-	-	-	-	-
	Total farmers Benefitted	252	75	40	-	-	-	367

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	Nil	Nil
Planting material (No.)	Nil	Nil
Bio-Products (kg)	Nil	Nil
Livestock Production (No.)	Nil	Nil
Fishery production (No.)	Nil	Nil

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	18	2700.00
Water	-	-
Plant	-	-
Total	18	2700.00

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	01
2	Conferences	01
3	Meetings	04
4	Trainings for KVK officials	-
5	Visits of KVK officials	03
6	Book published	-
7	Training Manual	-
8	Book chapters	-
9	Research papers	-
10	Lead papers	-
11	Seminar papers	-
12	Extension folder	02
13	Proceedings	02
14	Award & recognition	-
15	On going research projects	-

DETAIL REPORT OF APR 2017-18

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		e-Mail
	Office/Mobile	Fax	
Krishi Vigyan Kendra, Pokaran, C/o Urmul Marusthli Bunkar Vikash Samitti, Opp. - RTDC MidWay, Pokaran, District - Jaisalmer, Rajasthan - 345 021	9414627676	Nil	kvkpokaran@gmail.com

1.2 .Name and address of host organization with phone, fax and e-mail

Name & Address	Telephone		e-Mail
	Office	Fax	
Dr. B.R. Chhipa Hon'ble Vice Chancellor, S. K. Rajasthan Agricultural University, Beechwal, District - Bikaner, Rajasthan	0151-2250443 0151-2250529 (R)	0151- 2250336	vcrau@raubikaner.org
Dr. S.K. Sharma Director, Directorate of Extension Education, S. K. Rajasthan Agricultural University, Beechwal, District – Bikaner, Rajasthan	0151-2251122 0151-2253173 (R)	0151- 2251122	dee@raubikaner.org

1.3. Name of the Senior Scientist & Head with phone & mobile

Name & Address	Telephone / Contact		e-Mail
	Office	Fax	
Dr. K.D. Khiriya, Senior Scientist & Head, Krishi Vigyan Kendra, Pokaran, District - Jaisalmer, Rajasthan	9414627676 (M)	--	kvkpokaran@gmail.com

1.4. Year of sanction:- March 2012-2013

1.5. Staff Position (as on 30th March, 2018)

S. N.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)	Mobile Phone No.	Age	e-Mail
1	Senior Scientist & Head	Dr. K.D. Khiriya	Professor	Ph.D. (Agro)	37400-67000	69520	16.04.12	Parm.	OBC	9414627676	59	kvkpokaran@gmail.com
2	Subject Matter Specialist	Dr. K.G. Vyas	SMS	Ph.D. (Agro)	15600-39100	22180 (fixed)	05.04.18	Temp.	GEN	9510081869	30	kgvyas09@gmail.com
3	Subject Matter Specialist	*Dr. Rekha Kumawat	SMS	Ph.D. (Plant pathology)	15600-39100	22180 (fixed)	04.04.18	Temp.	OBC	9414606382	30	rekha.kumawat25@gmail.com
4	Subject Matter Specialist	Mr. S.K. Sharma	SMS	M.Sc. (Agl. Ext)	15600-39100	22180 (fixed)	17.04.18	Temp.	GEN	9929268340	27	sunilextension@gmail.com
5	Subject Matter Specialist	Miss. Charu Sharma	SMS	M.Sc. (Home science)	15600-39100	22180 (fixed)	01.05.18	Temp.	GEN	8696711107	34	sharmacharu30@gmail.com
6	Subject Matter Specialist	Dr. Ram Niwas	SMS	M.Sc. (LPM)	15600-39100	22180 (fixed)	18.05.18	Temp.	OBC	8765408809	32	ramniwasbhu@gmail.com
7	Subject Matter Specialist	-	-	-	-	-	-	-	-	-	-	-
8	Programme Assistant	-	-	-	-	-	-	-	-	-	-	-
9	Computer Programmer	-	-	-	-	-	-	-	-	-	-	-
10	Farm Manager	-	-	-	-	-	-	-	-	-	-	-
11	Accountant / Superintendent	-	-	-	-	-	-	-	-	-	-	-
12	Stenographer	Rajveer Singh	Clerk Gr-II	12 th Class	L-8	34300	21.07.15	Parm.	OBC	9828987555	35	rsp.jaisalmer@gmail.com
13	Driver	Shiv Singh	Driver	8 th Class	L-10	40300	09.10.17	Parm.	GEN	9413211201	48	Nil
14	Driver	-	-	-	-	-	-	-	-	-	-	Nil
15	Supporting staff	Himat Singh	CL-IV	5 th Class	L-3	31100	May 2012	Parm.	GEN	9983488107	54	Nil
16	Supporting staff	Gulab Singh	CI-IV	8 th Class	L-3	33000	Jan 2013	Parm.	GEN	8009435423	48	Nil

*She resigned from the Post of SMS (Plant Pathology) with effect from 31.05.2018

1.6. Total land with KVK (in ha):- 12.8 (80 Beghas)

S. No.	Item	Area (ha)
1	Under Buildings	0.084
2.	Under Demonstration Units	-
3.	Under Crops	12.72
4.	Orchard/Agro-forestry	-
5.	Others (specify)	-

1.7. Infrastructural Development:

A) Buildings: **(Presently KVK work is running on Rental building)**

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	-	-	-	-	551	Work in progress
2.	Farmers Hostel	ICAR	-	-	-	-	305	Work in progress
3.	Staff Quarters (6)	-	-	-	-	-	-	-
4.	Demonstration Units (2)	-	-	-	-	-	-	-
5	Fencing	-	-	-	-	-	-	-
6	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	-
8	Farm godown	-	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms Run	Present status
Jeep (Bolero RJ-15 UA 1165)	2013-14	8.00 lakh	70791	Running
Tractor (RJ-15 RA 4087)	2012-13	4.40 lakh	318*	Running

* Tractor is working at KVK, Jaisalmer

C) Equipments & AV aids

Sr. No.	Head of Account	No.	Date of Purchase	Purchase Amount (Rs)	Present Status
1.	Digital Camera	1	2012-13	10000	Running
2.	Multi-Purpose Printer	1	2012-13	9990	Running
3.	Desktop Computer	1	2015-16	40898	Running
4.	Printer	2	2015-16	16057 & 46948	Running
5.	Photo State Machine	1	2015-16	120330	Running
6.	Digital Camera	1	2015-16	32500	Running
7.	Laptop	1	2015-16	46104	Running
8.	R.O. with Water Cooler	1	26.03.17	79850	Running
9.	Air Conditioner	2	26.03.17	78900	Running

1.8. A). Details SAC meeting* conducted in the year

Sr. No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	22.08.2017	Dr. S.K. Singh Director, ICAR-ATARI Jodhpur	Small Demonstration units must be developed at Centre in a proper way. Socio-economic survey of village must be needed before conducting OFT/CFLD/FLD. Demonstrated new technologies through poster /pump lets/digital boards in gallery of office. Cultivation of crops at the Centre in a scientific way to demonstrate to the farmers	In Progress
2.		Dr S.K. Sharma Director, DEE, SKRAU, Bikaner	Field day must be organized. Detailed survey must be needed of villages where OFT/FLD should be conducted. Develop small Demonstrated unit of local indigenous crop/species/plants at the Centre. Popularize the importance of soil health card scheme and important techniques to reduce the cost of cultivation and increase the income of farmers.	In Progress
3		Dr. Deen Dayal Ojha, Sr. Literaturate, Jaisalmer	Promote the native guggal, Kair, Khejari, sewan grass cultivation and kummat gum production technology in Jaisalmer areas to increase the income of farmers.	In Progress
4		Dr. Nathuram Chhabra, Dy. Director, Dept. of A.H., Jaisalmer	Create awareness and popularize the A.I & castration of male bull cattle to conserve the native breeds of cattle (Tharparkar) and improve feeding system to the Tharparkar cattle breed and other animal's to increase the milk production in Jaisalmer.	In Progress
5		Sh R.S. Narwal, Deputy Director. Dept. of Agriculture Jaisalmer	Develop a small Azolla Demonstration unit at the Centre. Transfer of technology to the farmers with respect to reduce the cost of cultivation and increase the income of farmers of Jaisalmer district.	In Progress
6		Sh. D. L. Maurya Deputy Director. Dept. of Horti. C.E.Date Palm, Jaisalmer	Popularize the datepalm cultivation in jaisalmer areas because farmers can increase their income through processing local means.	
7		Dr. Abhishek Kumar Scientist, RRS, CAZRI, Jaisalmer	Organise awareness programme and popularize the importance and scope of wind break and shelterbelt in Jaisalmer	In Progress

8		Sh. Suresh Kumar Nehru Yuva Kendra, Jaisalmer	Transfer of new technologies to rural areas of Jaisalmer district and create awareness among farming community.	
9		Smt. Lalita Paliwal progressive farmer of Jaisalmer	Need to promote the new agricultural technologies in Jaisalmer district to increase the income of farmers.	In Progress
10		Sh. Jethu Singh Progressive farmer of Jaisalmer	Newly released variety of crops should be incorporate in FLD. Create awareness to castration of male cattle to conserve the Tharparkar breeds.	In Progress
11		Dr R.S. Pal Incharge LRS, Chandan Jaisalmer	Beside Tharparkar cattle, Goats and sheep have need to popularize and have a lot of scope in Jaisalmer.	In Progress
12		Sh. Dwarka Ram Progressive farmer of Jaisalmer	Demonstration unit must be develop at the Centre for demonstration of new techniques. Cultivation of crops at the Centre will be in a scientific manner.	In Progress
13		Dr. Julious Uchoi Scientist, RRS, CAZRI, Jaisalmer	Popularize the pomegranate in Jaisalmer Districts through trainings/ OFT/ and other extension activities.	In Progress

2. DETAILS OF DISTRICT (2017-18)

Jaisalmer, the largest district of the Rajasthan as well as in the India located in the western part with an area of 38,401 sq kms. The district falls in the agro climatic zone IC i.e. hyper arid partially irrigated western plain. Average annual rainfall is only 160 mm and erratic in nature, high temp & high wind velocity is the common feature of this area. Therefore, it is very difficult to harvest the grain crop during the kharif season. Farmers of this area are forced to rear cattle sheep & goat because of capability of much of the land is to sustain grassland alone. The district has been identified to have only one micro farming situation as rainfed, very low rainfall (160 mm) sand dunes with undulating interdunal depression.

- Sub Division : 2 (Jaisalmer And Pokaran)
- Tehsil : 3 (Jaisalmer, Fatehgarh And Pokaran)
- Panchayat Samiti : 3 (Jaisalmer, Sam and Sankada)
- Gram Panchayat : 140
- Town : 2 (Jaisalmer And Pokaran)
- Village : 807
- Municipality : 2 (Jaisalmer And Pokaran)

LITERACY PERCENTAGE:

- Male : 72.00 %
- Female : 39.70 %
- Average Literacy : 57.20 %
- Rajasthan Literacy : 66.60 %

TOTAL POPULATION:

Sr. No.	Population	Men	Women	Total Population
		363346	308662	672008
1	Male/Female Ratio (Female/1000 Males)	1000	900	

2.1 MAJOR FARMING SYSTEMS/ ENTERPRISES (basic on the analysis made by the kvk):

Sr. No.	Farming System/ Enterprise	Characteristics	
		<i>Kharif</i>	<i>Rabi</i>
1.	Irrigated	Cluster bean, Pearl millet, Green gram, Groundnut	Chickpea, Mustard, Cumin, Wheat, Isbgol
2.	Rainfed	Cluster bean, Pearl Millet, Moth bean, Sesame	Taramira

2.2 DESCRIPTION OF AGRO-CLIMATIC ZONE & MAJOR ECOLOGICAL SITUATION (BASED ON SOIL AND TOPOGRAPHY):

Sr. No.	Agro-Climatic Zone	Characteristics
1.	Zone I-C	Hyper Arid Partially Irrigated Western Plain
Sr. No.	Ecological Situations	Characteristics
1.	Arid Eco System	Hot Desert, Low Rainfall, High Temperature & High Wind Velocity

2.3 SOIL TYPE/S:

Sr. No.	Soil Type	Characteristics
1.	Sandy / Sandy Loam	Low Water Holding Capacity & Low Fertility

2.4 AREA, PRODUCTION AND PRODUCTIVITY OF MAJOR CROPS CULTIVATED IN THE DISTRICT:

Sr. No.	Crop	Area (ha)	Production (MT)	Productivity (kg/ha)
1.	<i>Kharif</i>			
A.	Pearl millet	98694	8663	88
B.	Cluster bean	599121	58866	98
C.	Moth bean	10679	3928	368
D.	Groundnut	19790	26089	1318
E.	Green gram	47455	16836	355
F.	Castor	4249	1268	298
G.	Sesame	6393	2266	354
2.	<i>Rabi</i>			
A.	Mustard	43816	37799	863
B.	Cumin	44061	20240	459
C.	Chickpea	152935	136888	895
D.	Isbgol	40552	17986	444
E.	Wheat	9989	13824	1384
F.	Barley	677	824	1217
G.	Taramira	810	351	433

* Rajasthan Agricultural Statistics at a Glance 2016-17

2.5. WEATHER DATA: (2017-18)

Sr. No.	Month	Temperature (°C)		Relative Humidity (%)		Rainfall (mm)	Rainy Days	Wind Speed (km/h)
		Maxi	Mini	I	II			
1	January	21.2	3.4	69.3	34.3	6.4	2	3.9
2	February	28.8	5.3	35.9	13.9	0.0	-	4.2
3	March	34.1	13.0	41.6	16.1	4.2	2	5.2
4	April	40.6	19.9	44.1	16.7	0.0	-	9.9
5	May	42.5	22.9	57.8	26.5	28.8	3	10.7
6	June	40.8	23.7	67.5	33.4	38.4	2	14.5
7	July	36.8	22.3	78.8	49.4	123.6	8	11.4
8	August	36.4	22.5	72.1	45.6	60.6	2	11.5
9	September	37.6	21.3	69.2	32.8	0.0	-	6.7
10	October	38.9	16.4	38.7	14.6	0.0	-	3.5
11	November	29.9	9.1	56.4	22.9	0.0	-	2.2
12	December	24.5	3.7	59.4	26.6	4.4	1	3.3
Total/Average		34.3	15.3	57.6	27.7	266.4	20	7.3

2.6. PRODUCTION AND PRODUCTIVITY OF LIVESTOCK, POULTRY AND FISHERIES IN THE DISTRICT:

Sr. No.	Category	Population	Production	Productivity
1.	Cattle	4,34,623	-	-
	Crossbred	1,637	-	-
	Indigenous	4,32,986	-	-
2.	Buffalo	4057	-	-
3.	Sheep	11,85,150	-	-
	Crossbred	-	-	-
	Indigenous	-	-	-
4.	Goats	15,13,386	-	-
5.	Pigs	1,129	-	-
	Crossbred	-	-	-
	Indigenous	-	-	-
6.	Rabbits	-	-	-
7.	Poultry	20,181	-	-
8.	Hens	-	-	-
9.	Desi	-	-	-
10.	Improved	-	-	-
11.	Ducks	-	-	-
12.	turkey And Others	-	-	-
13.	Camel	49,917	-	-

* Department of Animal Husbandry, GOR, 19th Livestock Census

2.7 Details of Operational area / Villages (2017-18)

Sr. No.	Tehsil	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Pokaran	Pokaran	Bhakari,Ratadiya, Barth ka goan, Madava, Badali, Biliya, Salvi, Chanchan, Gomath, Kelava, Lathi, Ajasar, Chhayan, Bhaniyana, Gathi Champawatan, Bhadariya, Phalsond,	Groundnut, Pearl millet,, Moth bean, Green gram, Cluster bean, Mustard, Isbgol, Cumin, Wheat, Gram and Cattle rearing	Low yield of kharif and Rabi crops and lack of improved crop verities	Crop Management and moisture conservation practices, Improved crop verities, green manuring and compost making
2.	Fatehgarh	Fatehgarh	Devikot, Sangad, Dangari,Madhopura, Fatehgarh, Jogi ka das, Devara, Chelak	Groundnut, Pearl millet,, Moth bean, Green gram, Cluster bean, Mustard, Isbgol, Cumin, Wheat, Gram And Cattle rearing	low yield of kharif and Rabi crops and lack of improved crop verities	Crop Management and moisture conservation practices, Improved crop verities, green manuring and compost making

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Pearl millet, Green gram, Moth bean, Chick pea, Cluster bean	Improved crop verities, Dissemination of dry land technology, Soil moisture conservation, Integrated Nutrient Management, Integrated Pest Management

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2017-18

OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
-	-	-	-	33.20	33.20	98	98

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
30					38			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	30	30	887	887	48	48	1734	1734
Rural youth	-	-	-	-	-	-	-	-
Extn. Functionaries	-	-	-	-	-	-	-	-

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
-	-	-	-	-	-
-	-	-	-	-	-

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient Management	-	-	-	-
	-	-	-	-
Varietal Evaluation	-	-	-	-
	-	-	-	-
Integrated Pest Management	-	-	-	-
	-	-	-	-
Integrated Crop Management	-	-	-	-
	-	-	-	-
Integrated Disease Management	-	-	-	-
	-	-	-	-
Small Scale Income Generation Enterprises	-	-	-	-
	-	-	-	-
Weed Management	-	-	-	-
	-	-	-	-
Resource Conservation Technology	-	-	-	-
	-	-	-	-
Farm Machineries	-	-	-	-
	-	-	-	-
Integrated Farming System	-	-	-	-
	-	-	-	-
Seed / Plant production	-	-	-	-

	-	-	-	-
Post Harvest Technology / Value addition	-	-	-	-
Drudgery Reduction	-	-	-	-
Storage Technique	-	-	-	-
Others (Pl. specify)	-	-	-	-
Total		-	-	-

Summary of technologies assessed under **livestock** by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Disease Management	-	-	-	-
Evaluation of Breeds	-	-	-	-
Feed and Fodder management	-	-	-	-
Nutrition Management	-	-	-	-
Production and Management	-	-	-	-
Others (Pl. specify)	-	-	-	-
Total		-	-	-

Summary of technologies assessed under various **enterprises** by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
Nil	-	-	-	-
	-	-	-	-
Nil	-	-	-	-
	-	-	-	-
Nil	-	-	-	-
	-	-	-	-
Nil	-	-	-	-
	-	-	-	-

B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various **crops** by KVKs

Thematic areas	Crop	Name of the technology refined	No. of trials	No. of farmers
Integrated Nutrient Management	-	-	-	-
	-	-	-	-
Varietal Evaluation	-	-	-	-
	-	-	-	-
Integrated Pest Management	-	-	-	-
	-	-	-	-
Integrated Crop Management	-	-	-	-
	-	-	-	-
Integrated Disease Management	-	-	-	-
	-	-	-	-
Small Scale Income Generation Enterprises				
Weed Management	-	-	-	-
	-	-	-	-
Resource Conservation Technology	-	-	-	-
	-	-	-	-
Farm Machineries	-	-	-	-

	-	-	-	-
Integrated Farming System	-	-	-	-
	-	-	-	-
Seed / Plant production	-	-	-	-
	-	-	-	-
Value addition	-	-	-	-
	-	-	-	-
Drudgery Reduction	-	-	-	-
	-	-	-	-
Storage Technique	-	-	-	-
	-	-	-	-
Others (Pl. specify)	-	-	-	-
	-	-	-	-
Total				

Summary of technologies refined under various **livestock** by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology refined	No. of trials	No. of farmers
Disease Management	-	-	-	-
Evaluation of Breeds	-	-	-	-
Feed and Fodder management	-	-	-	-
Nutrition Management	-	-	-	-
Production and Management	-	-	-	-
Others (Pl. specify)	-	-	-	-
Total				

SUMMARY OF TECHNOLOGIES REFINED UNDER VARIOUS **ENTERPRISES** BY KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
Nil	-	-	-	-
	-	-	-	-
Nil	-	-	-	-
	-	-	-	-
Nil	-	-	-	-
	-	-	-	-
Nil	-	-	-	-
	-	-	-	-
Nil	-	-	-	-
	-	-	-	-
Nil	-	-	-	-
	-	-	-	-

Note: Suppose **IPM in paddy** is the technology refined by 50 KVKs in the Zone with 5 trials by each KVK, then IPM in paddy needs to be considered as a single technology, with $50 \times 5 = 250$ trials and No. of KVKs will be 50. In addition, please note that even if IPM in paddy is done with various combinations of Technology Options (treatments), it may be considered as a single technology only.

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

(From each state please include the full details of three OFTs on technology assessment and or refinement under the broad thematic areas such as Integrated Crop Management, weed management, pest and disease management, nutrient management, resource conservation, livestock enterprises, Integrated Nutrient Management)

(The model for preparing the same is furnished below)

INTEGRATED CROP MANAGEMENT

Problem definition: Lower income from sugarcane monocrop cultivation

Technology Assessed or Refined (as the case may be) : Intercropping of French bean in paired row planted sugarcane

KVK, Shimoga in Karnataka conducted on-farm trial to assess or refine (as the case may be) effect of intercropping on net return in sugarcane. The intercrop system of planting of sugarcane as paired row at 5 ft spacing and growing french bean between two pairs had realized a net return of Rs. 1.87 lakh/ha as compared to the recommended practice with net returns of Rs. 1.41 lakh/ha (32.6% increase in net return per ha).

Table Performance French bean as inter crop in sugarcane

Technology Option	No.of trials	Yield (t/ha)	Net Returns (Rs. in lakh./ha)
Planting sugarcane at 3 ft row spacing (Farmers Practice)			
Paired row planting at 5 ft spacing (Recommended Practice)			
Paired row planting at 5 ft spacing + growing intercrop between two pairs (french bean)			

WEED MANAGEMENT

Problem definition: Heavy infestation of weed in cabbage

Technology Assessed or Refined (as the case may be): Weed control measures on cabbage yield in Karnataka

KVKs of Haveri, Hassan, Mysore and Mandya of Karnataka took up on-farm trial on chemical weed management in cabbage. The results indicated that the use of Oxyflurofen @ 1 kg. a i/ha gave 43.60 per cent increase in yield over hand weeding.

Table Effect of Alachlor and Oxyflurofen on weed control and yield at cabbage

Technology Option	No.of trials	Yield (qt./ha)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
Three times hand weeding (Farmers Practice)					
Alachlor @ 1.5 Kg. ai/ha as pre-emergent spray (Recommended Practice)					
Oxyflurofen @ 1 Kg ai/ha prior to transplanting with 1 inter cultivation and 1 hand weeding.					

PEST AND DISEASE MANAGEMENT

Problem definition: Heavy infestation of leaf curl in chilli effecting in a yield loss of 20% and income loss of Rs.10000/ha

Technology Assessed or Refined (as the case may be): Leaf Curl Management in Chilli

Chilli is an important commercial crop of Northern Karnataka. However, there is high incidence of leaf curl disease resulting in yield loss. Five KVKs namely Gadag, Haveri, Dharwad, Belgaum and Bagalkot conducted on-farm

trial to **assess or refine (as the case may be)** the control measure. The refined technology of seed treatment with imidacloprid @ 5g/kg seeds + dipping seedlings with imidacloprid @ 0.25ml/lit along with spray with Dicofol @ 2.5 ml/lit reduced the percentage of disease incidence from 23 to 6 and yield was increased by 38.78 per cent.

Table Effect of imidacloprid in control of leaf curl in chilli

Technology Option	No. of trials	Incidence of leaf curl (%)	Yield (kg/ha)	% Increase in yield over farmer's practice
Spray of Dimethoate @ 2 ml/lit (Farmers Practice)				
Spray of Dimethoate @ 1.7 ml/lit + Dicofol 2.5 ml/lit (Recommended Practice)				
Seed treatment with imidacloprid @ 5g/Kg. seeds + dipping seedlings with imidacloprid @ 0.25ml/lit along with spray with Dicofol @ 2.5 ml/lit				

NUTRIENT MANAGEMENT

Problem definition: Lower productivity and profitability in blackgram cultivation due to imbalance application of nutrients

Technology Assessed or Refined (as the case may be): Nutrient management in black gram

KVK, Karur in Tamil Nadu conducted on-farm trial to find out appropriate nutrient management practice to enhance the black gram productivity. The **assessed or refined (as the case may be)** practice of soaking seeds with manganese sulphate @ 8% solution for two hours was found to be better with 59.62 % increase in yield.

Table Effect of seed soaking of MnSO₄ in enhancing germination and yield in black gram

Technology Option	No. of trials	Germination (%)	Plant height at flowering stage	Yield (kg./ha)	Increase in Yield (%)	B:C Ratio
No seed treatment and foliar spray (Farmers Practice)						
Foliar spray of DAP @ 2% and NAA @ 40ppm at 30 and 45 DAS (Recommended Practice)						
Seed soaking with MnSO ₄ @ 8% for two hours + recommended practice						

RESOURCE CONSERVATION

Problem definition: Lower productivity and profitability in tomato cultivation

Technology Assessed or Refined (as the case may be): Enhancement of tomato yield through precision-farming in Tamil Nadu

The KVKs of Dindigul, Perambalur and Dharmapuri in Tamil Nadu conducted on-farm trial on fertigation in tomato. Combined application of water and fertilizers through drip system had enhanced the tomato yield by 22% in Tamil Nadu with the water saving of 35% alongwith net profit of Rs.25460 per hectare.

Table Effect of fertigation on yield and income of tomato

Technology Option	No. of trials	Yield (t/ha)	Net Returns (Rs./ha)	BC Ratio
Irrational fertilizer and water application with out considering stages (Farmers Practice)				
Irrigation at 7 to 10 days interval, FYM @ 25 Tons / ha, Fertilizers @ 150 : 100 : 50 NPK Kg / ha (Recommended Practice)				
Application of water and fertilizer through drip system at critical stages. Fertilizer dose was reduced to three fourth of recommended dose				

LIVE STOCK ENTERPRISES

Problem definition: High incidence of mastitis disease in dairy cows resulting in lower productivity and profitability of dairying

Technology Assessed or Refined (as the case may be): Management of mastitis in crossbreed cows in Karnataka

KVK, Gadag conducted trial to find out suitable control measure for mastitis in cross bred cows as the recommended practice could not stop recurrence of mastitis to the desired level. The technology recommended was fine tuned by including dry cow therapy for the control of mastitis.

Table Effect of streptopenicillin in the control of mastitis

Technology Option	No. of trials	Per cent incidence of mastitis
Washing of udder is washed with fresh water and application of turmeric paste after milking (Farmers practice)		
Use of "SAAF" kit (Iodine 0.71 % w/v) after milking. (Recommended practice)		
Recommended practice + Dry cow therapy (Streptopenicillin administration by intra mammary infusion at once for each teat of udder at 7-8 months of pregnancy)		

INTEGRATED NUTRIENT MANAGEMENT

Problem definition: Lower yield in nendran banana due to imbalance application of nutrients

Technology Assessed or Refined (as the case may be): Integrated Nutrient Management in Banana

KVK, Palakkad assess or refine (as the case may be) the technology of integrated nutrient management by the application of effect of application of Cattle Manure @ 10 kg. /plant, Azospirillum @ 60 gm/plant, urea 315 gm and Potash 500 gm/plant as balanced nutrition in Nendran variety of banana and found that the same had enhanced the yield by 19 per cent compared to farmers practice and 25 per cent saving on nitrogenous fertilizers.

Table Performance of banana to integrated nutrient management

Technology Option	No. of trials	Yield t./ha	B:C Ratio
Cowdung @ 10 kg./plant, Plant wood ash @ 5 kg./plant and green leaf manure @ 5 kg./plant			
Cattle Manure @ 10 kg. /plant, Azospirillum @ 60 gm/plant, urea 315 gm and Potash 500 gm/plant.			

II. FRONTLINE DEMONSTRATION

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2016-17 and recommended for large scale adoption in the district

S No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
1.	Green gram	Improved variety seed	POP (IPM02-03)	Field day, kishan gosthi, farmers meeting, Extension Literature	10	30	10
2.	Chickpea	Improved variety seed	POP (GNG-1581)	Field day, kishan gosthi, farmers meeting, Extension Literature	5	20	10
3	Groundnut	Improve d variety seed	POP (HNG-69)	Field day, kishan gosthi, farmers meeting, Extension Literature	3	17	6.8

- b. Details of FLDs implemented during 2017-18 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Improved variety seed	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
01	Greengram	Improved variety seed	POP (IPM02-03)	Kharif 2017-18	20	13.60	17	18	34	
02	Clusterbean	Improved variety seed	POP (RGC-1017)	Kharif 2017-18	20	10.00	18	22	40	
03	Chick pea	Improved variety seed	POP (GNG-1581)	Rabi 2017-18	20	09.60	04	19	24	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Green gram	<i>Kharif 17-18</i>	Irrigated/ unirrigated	S & SL	L	M	M	Cumin Wheat Fallow	3 rd week of July	3 rd week of Oct	222.6	12
Cluster bean	<i>Kharif 17-18</i>	Rainfed/irrigated	S & SL	L	M	M	Fallow Wheat Mustard cumin	3 rd week of July	3 rd week of Oct	222.6	12
Gram	<i>Rabi 17-18</i>	Irrigated	S & SL	L	M	M	Fallow/ Cluster bean	24-28 Oct	Last week of March	4.0	1

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1. Green gram	High yielding, Resistant to YVMV, Synchronous in maturity
2. Cluster bean	High yield, short duration and Resistant to Diseases and Pest
3. Chickpea	High yield, Light yellowish color, multiple branching and resistance to root rot

Farmers' reactions on specific technologies

S. No	Feed Back
1. Green gram	Farmers like this variety due to high yield & synchronize in maturity
2. Cluster bean	Farmers like this variety due to high yield & short duration
3. Chickpea	Farmers like this variety due to high yield, light yellowish color, multiple branching and resistant to root rot and frost attack

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	01	25.02.18	23	-
2	Farmers Training	-	-	-	-
3	Media coverage	-	-	-	-
4	Training for extension functionaries	-	-	-	-

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Groundnut																		
Sesamum																		
Mustard																		
Toria																		
Linseed																		
Sunflower																		
Soybean																		

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Pigeonpea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blackgram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greengram	Improved variety seed and POP	Improved variety seed and POP	IPM 02-03	34	13.6	10.0	4.0	6.7	3.7	81.08	11246.4	40185	28936.6	2.57	10336.8	22285	11948.2	1.16
Chickpea	Improved variety seed and POP	Improved variety seed and POP	GNG-1581	24	9.6	20.0	4.0	10.0	7.8	28.21	21100	49500	28400	1.35	19270	38610	19340	1.00
Fieldpea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lentil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Horsegram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clusterbean	Improved variety seed and POP	Improved variety seed and POP	RGC-1017	40	10.0	13.0	4.0	7.38	3.58	106.15	7440	32930	25490	3.43	6660	16020	9360	1.41

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Commercial Crops																			
Sugarcane																			
Potato																			
Medicinal & aromatic plants																			
Mentholment																			
Kalmegh																			
Ashwagandha																			
Fodder Crops																			
Sorghum (F)																			
Cowpea (F)																			
Maize (F)																			
Lucern																			
Berseem																			
Oat (F)																			

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)				
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)	
Cattle																		
Buffalo																		
Buffalo Calf																		
Dairy																		
Poultry																		
Sheep & Goat																		
Vaccination																		

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
 ** BCR= GROSS RETURN/GROSS COST

FLD on Demonstration details on crop hybrids (*Details of Hybrid FLDs implemented during 2017-18*)

Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average						
Oilseed crop													
Pulse crop													
Cereal crop													
Vegetable crop													
Fruit crop													
Other (specify)													

Note : Remove the Enterprises/crops which have not been shown

Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total										
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total										
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL	03	62	0	62	44	0	44	106	0	106

Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)										
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management	-	-	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Disease Management	-	-	-	-	-	-	-	-	-	-
Feed & fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Others (Protection of animals from heat stroke)	04	62	26	88	37	13	50	99	39	138
Total	04	62	26	88	37	13	50	99	39	138
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total										
VI Agril. Engineering										
Farm Machinery and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management	03	36	17	53	22	09	31	58	26	84

Integrated Disease Management	07	116	24	140	46	15	61	162	39	201
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (pl specify)	-	-	-	-	-	-	-	-	-	-
Total	10	152	41	193	68	24	92	220	65	285
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total										
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL	27	417	99	516	210	55	265	627	154	781

Production and management technology										
Post harvest technology and value addition										
Others (pl specify)										
Total (g)										
GT (a-g)										
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management										
Dairy Management	-	-	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Disease Management	-	-	-	-	-	-	-	-	-	-
Feed & fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Protection of animal from heat stroke	04	62	26	88	37	13	50	99	39	138
Total	04	62	26	88	37	13	50	99	39	138
V Home Science/Women empowerment										
Household food security by kitchen gardening and nutrition gardening										
Design and development of low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts										
Women and child care										
Others (pl specify)										
Total										
VI Agril. Engineering										
Farm Machinery and its maintenance										
Installation and maintenance of micro irrigation systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and implements										
Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management	03	36	17	53	22	09	31	58	26	84

Integrated Disease Management	07	116	24	140	46	15	61	162	39	201
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and bio pesticides	-	-	-	-	-	-	-	-	-	-
Others (pl specify)	-	-	-	-	-	-	-	-	-	-
Total	10	152	41	193	68	24	92	220	65	285
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of freshwater prawn										
Breeding and culture of ornamental fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total										
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL	30	479	99	578	254	55	309	733	154	887

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	Total
Advisory Services	12	367	-	367
Diagnostic visits	-	-	-	-
Field Day	01	20	-	20
Group discussions	-	-	-	-
Kisan Ghosthi	01	50	-	50
Film Show	-	-	-	-
Self -help groups	-	-	-	-
Kisan Mela	-	-	-	-
Exhibition	-	-	-	-
Scientists' visit to farmers field	13	277	-	277
Plant/animal health camps	-	-	-	-
Farm Science Club	-	-	-	-
Ex-trainees Sammelan	-	-	-	-
Farmers' seminar/workshop	-	-	-	-
Method Demonstrations	-	-	-	-
Celebration of important days	-	-	-	-
Special day celebration	-	-	-	-
Exposure visits	-	-	-	-
Others (lecture delivered in other programmes)	06	733	-	733
Others (Farmers visit to KVK)	15	287	-	287
Total	48	1734	-	1734

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	-
Extension Literature	-
News paper coverage	3
Popular articles	2
Radio Talks	-
TV Talks	-
Animal health camps (Number of animals treated)	-
Others (pl. specify)	-
Total	5

Name of KVK	Message Type	Type of Messages						Total
		Crop	Live stock	Weather	Marke-ting	Awar e-ness	Other enterpris e	
KVK, Pokaran	Text only	-	-	-	-	-	-	
	Voice only	252	75	40	-	-	-	367
	Voice & Text both	-	-	-	-	-	-	-
	Total Messages	252	75	40	-	-	-	367
	Total farmers Benefitted	252	75	40	-	-	-	367

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organized Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/ livestock technology
	Gosthies			
	Lectures organised			
	Exhibition			
	Film show			
	Fair			
	Farm Visit			
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week			

VI. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals						
Oilseeds						
Pulses						
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others						
Total						

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial						
Vegetable seedlings						
Fruits						
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species						
Others						
Total						

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity	Value (Rs.)	No. of Farmers
		Kg		
Bio Fertilisers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others				
Total				

Table: Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Others (Pl. specify)				
Total				

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)	No. of soil health cards distributed
Soil	18	18	01	2700.00	18
Water	-	-	-	-	-
Plant	-	-	-	-	-
Manure	-	-	-	-	-
Others (pl. specify)	-	-	-	-	-
Total	18	18	01	2700.00	18

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Date of SAC Meeting	Participants
KVK, Pokaran	22-08-2017	13

IX. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution

X. PUBLICATIONS

Category	Number
Research Paper	-
Technical bulletins	-
Technical reports	3
Others (Leaflets)	4
	-

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

Activities conducted				
No. of Training programmes	No. of Demonstrations	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)

XII. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTORM/COLD WAVES ETC

Introduction of alternate crops/varieties

Crops/cultivars	Area (ha)	Extent of damage	Recovery of damage through KVK initiatives if any
Total			

Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds		
Pulses		
Cereals		
Vegetable crops		
Tuber crops		
Total		

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No. of participants
Total		

Animal health camps organised

Number of camps	No. of animals	No. of farmers
Total		

Seed distribution in drought hit states

Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers

Total			

Large scale adoption of resource conservation technologies

Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Total		

Awareness campaign

	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers
Total												

XIII. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total				

B. HRD activities organized in identified areas for KVK staff by ATARI

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total			

XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

Each Zone should propose a minimum of three case studies with good action photographs (with captions on the backside of the hard copy of the photos) on the following topics

- Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise*
- Performance of the end results of any one technology assessed, its refinement if any and its impact in district agriculture with respect to that crop or enterprise*
- Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/ enterprise/ bio-product*

The general format for preparing the above case studies are furnished below

Name of the KVK

TITLE

Introduction

KVK intervention

Output

Outcome

Impact

XIII. STATUS REVOLVING FUNDS

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2015 to March 2016	104961	4078 (By interest)	17107	87854
April 2016 to March 2017	87854	3815 (By interest)	-	87854
April 2017 to March 2018	87854	1117 (By interest)	-	93971